

RECEIVED
CENTRAL FAX CENTER

Application No.: 10/822,864

APR 14 2008

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently Amended) A banknote handling system, comprising:
 - a money in-out slot that receives and pays out banknotes from and to each customer;
 - a conveyance module that conveys each banknote;
 - ~~a banknote discrimination module that carries out multiple banknote discrimination modules that carry out~~ banknote discrimination of each conveyed banknote in a money-in process that pays in banknotes inserted in said money in-out slot, as well as in a transaction process that is accompanied with conveyance of banknotes;
 - a banknote storage box that stores a banknote determined as genuine by said banknote discrimination module;
 - a counterfeit collection box that collects a banknote determined as counterfeit by said banknote discrimination module;
 - a reject box for storing a banknote found to be neither a genuine banknote nor a counterfeit banknote; and
 - a management module that manages information on the transaction process with respect to each banknote, wherein:
 - a) ~~the said management module comprising~~ manages banknote source data having transaction information upon insertion of a banknote or having sources of respective banknotes

Application No.: 10/822,864

stored in said reject box, said counterfeit collection box, or said banknote storage box, ~~wherein~~
said

b) the management module changes the relationship between said transaction information and banknote storage, counterfeit collection, and reject boxes when a banknote is conveyed from one box to another,

c) the management module generates source data of each inserted banknote with each banknote, the source data including transactor information for identifying a transactor responsible for each transaction process,

d) the management module manages the banknote source data of each banknote stored in the banknote storage box and counterfeit collection box, in each unit of banknotes with respect to each box, including the banknote storage box and the counterfeit collection box,

e) during the money-in process, the management module allocates the source of each inserted banknote to the banknote storage box or to the counterfeit collection box that the inserted banknote is stored in,

f) when the banknote fed from the banknote storage box is determined as counterfeit as is conveyed to the counterfeit collection box during the money-out process, the management module updates the source data of the banknote determined as counterfeit so as to allocate the source data from the banknote storage box to the counterfeit collection box.

2. (Previously Presented) A banknote handling system in accordance with claim 1, further comprising:

a temporary storage box that temporarily keeps the banknote determined as genuine by said banknote discrimination module in the money-in process, prior to storage of the banknote into said banknote storage box,

Application No.: 10/822,864

wherein the transaction process comprises a deposit cancellation process that receives a customer's input of a cancellation instruction and feeds back the banknote temporarily kept in said temporary storage box to said money in-out slot.

3. (Original) A banknote handling system in accordance with claim 2, wherein the deposit cancellation process feeds back the banknote temporarily kept in said temporary storage box to said money in-out slot via said banknote storage box.

4. (Cancelled)

5. (Previously Presented) A banknote handling system in accordance with claim 1, wherein the transaction process comprises a left-money collection process that stores or collects a banknote, which is left in said money in-out slot after the money-out process, into said banknote storage box, said counterfeit collection box, or said reject box.

6. (Currently Amended) A banknote handling system in accordance with claim 1, wherein: ~~the transaction process comprises a banknote feed process that~~

the banknote discrimination module carries out banknote discrimination of each conveyed banknote in a banknote feed process, and supplies banknotes to said banknote storage box from a place other than said money in-out slot; and

the management module, during the banknote feed process, allocates the source data of each supplied banknote to the banknote storage box or the counterfeit collection box that each supplied banknote is stored in.

Application No.: 10/822,864

7. (Previously Presented) A banknote handling system in accordance with claim 6, further comprising:

a cassette detachably attached to said banknote handling system,

wherein the banknote feed process feeds out banknotes kept in said cassette attached to said banknote handling system and conveys the banknotes to said banknote storage box for storage.

8. (Currently Amended) A banknote handling system in accordance with claim 1, further comprising:

a cassette detachably attached to said banknote handling system; and system,

wherein the banknote discrimination module further carries out banknote discrimination of each conveyed banknote in a process,

wherein the ~~transaction process comprises~~ a collection process that conveys banknotes from said banknote storage box into said cassette,

wherein the management module, during the banknote feed process, allocates the source data of each supplied banknote the banknote storage box or the counterfeit collection box that each supplied banknote is stored in.

Claims 9-10 (Canceled)

11. (Previously Presented) A banknote handling system in accordance with claim 1, wherein the transaction information includes an account number and an employee number.

Application No.: 10/822,864

12. (Previously Presented) A banknote handling system in accordance with claim 1, wherein the source data includes a transaction record ID used to unequivocally identify a record of the money-in process and the transaction process executed.

13. (Previously Presented) A banknote handling system in accordance with claim 1, further comprising:

a banknote sorting module that sorts out each banknote subjected to banknote discrimination by said banknote discrimination module to one of multiple banknote storage boxes, said reject box and said counterfeit collection box,

wherein said management module generates source data based on a result of banknote discrimination by said banknote discrimination module and a result of sorting by said banknote sorting module.

14. (Previously Presented) A banknote handling system in accordance with claim 1, further comprising:

a control unit that, when the transaction process collects and stores banknotes fed from said banknote storage box into said counterfeit collection box and said reject box, controls said management module to update source data corresponding to said banknote storage box to be related to said collection box and said reject box.

15. (Currently Amended) A banknote handling system, comprising:

a banknote storage box that stores banknotes;

a management module that manages source data of each banknote stored in said banknote storage box; and

Application No.: 10/822,864

a control unit that, when a banknote is fed from said banknote storage box or a banknote is stored in said banknote storage box, controls said management module to update the source data of the fed banknote or the stored banknote corresponding to said banknote storage box; [[,]]

a banknote discrimination module that carries out banknote discrimination of each banknote;

a counterfeit collection box that collects a banknote determined as counterfeit by said banknote discrimination module; and [[,]]

a reject box for a banknote found to be neither a genuine banknote nor a counterfeit banknote,

wherein said management module manages the source data with a banknote number sequentially allocated to each banknote stored in said banknote storage box, said counterfeit collection box, and said reject box.

wherein when a banknote is fed from said banknote storage box, said control unit changes the banknote number allocated to the banknote, and

wherein said control unit updates the source data of the banknote corresponding to said banknote storage box to be related to said counterfeit collection box, when the banknote is fed from said banknote storage box to the counterfeit collection box.

Claims 16-17 (Cancelled)

18. (Previously Presented) A banknote handling system in accordance with claim 15, wherein the source data further comprises customer information on a customer who has paid in banknotes or an employee information on an employee who has fed banknotes.

Application No.: 10/822,864

19. (Previously Presented) A banknote handling system in accordance with claim 15, wherein the source data further comprises transaction information for unequivocally identifying a transaction process executed by said banknote handling system and other information, and said control unit updates only the other information included in the source data.

20. (Previously Presented) A banknote handling method in a banknote handling system, said banknote handling method comprising:

- obtaining transactor information;
- carrying out banknote discrimination of each banknote paid in or fed;
- storing a banknote determined as genuine into a banknote storage box;
- storing a banknote determined as counterfeit into a counterfeit collection box that is different from the storage box;
- storing undeterminable banknotes, which are determined neither as genuine nor as counterfeit, into a reject box that is different from the banknote storage box and counterfeit collection box;
- managing mapping of the transaction information with respect to each banknote, to said banknote storage box, reject box and counterfeit collection box for storing the banknote with a banknote number sequentially allocated to each banknote in order of storage;
- feeding out the stored banknote and carrying out banknote discrimination of the banknote;
- collecting a banknote determined as counterfeit into the collection box;
- storing an undeterminable banknote into the reject box; and

Application No.: 10/822,864

updating the mapping to said banknote storage box to be related to said counterfeit collection box or reject box, with respect to the counterfeit banknote collected or the undeterminable banknote stored.

21. (Previously Presented) A banknote handling system, comprising:

a money in-out slot that receives or pays out banknotes from or to each customer;

a banknote conveyance module;

~~multiple banknote discrimination modules~~ a banknote discrimination module for discriminating each conveyed banknote in a money-in process in which banknotes are inserted in said money in-out slot, as well as in a transaction process that is accompanied with the conveyance of banknotes;

a banknote storage box for storing a banknote determined as genuine by said banknote discrimination module; [[and]]

a reject box for storing a banknote found undeterminable by said banknote discrimination module;

a counterfeit collection box, which is different from said banknote storage boxes, for collecting a banknote determined as counterfeit by said banknote discrimination module; and

a management module for managing information on the transaction process with respect to each banknote, said information including transactor information identifying the transactor who has given a banknote stored in said counterfeit collection box,

wherein the management module manages information of each banknote,

wherein the management module manages information with respect to the banknote storage box, the counterfeit collection box, and the reject box,

Application No.: 10/822,864

wherein said management module updates the managed information of a banknote when the banknote is fed from the banknote storage box, and

wherein the management module, when the banknote fed from the banknote storage box is determined as counterfeit and is conveyed to the counterfeit collection and the reject box, updates the information so as to allocate the information from the banknote storage box to the counterfeit collection and the reject box.

22. (Previously Presented) The system of claim 21, wherein the transaction information comprises an account number and an employee number.

23. (Previously Presented) The system of claim 21, wherein said information comprises source data having a transaction record ID to unequivocally identify a record of the money-in process and the transaction process executed.

24. (Previously Presented) The system of claim 23, wherein said management module manages the source data with a banknote number sequentially allocated to each banknote stored in said banknote storage boxes and when a banknote is fed from said banknote storage boxes, said control unit changes the banknote number allocated to the banknote.

25. (Previously Presented) The system of claim 23, wherein the source data comprises customer information on a customer who has paid in banknotes or employee information on an employee who has fed banknotes.